

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q80024

Koreshige ITO

Appln. No.: Not yet assigned

Confirmation No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: February 24, 2004

Examiner: Not yet assigned

For: MICROCAPSULE-CONTAINING COMPOSITION, THERMAL RECORDING  
MATERIAL USING THE SAME AND PROCESS OF PREPARING MICROCAPSULE-  
CONTAINING COMPOSITION

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT  
Attorney Docket No. Q80024

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: **An English language abstract, submitted herewith, constitutes a concise statement of relevance for Japanese Patent Application Laid-Open (JP-A) No. 7-88356. English language Summaries, submitted herewith, constitute concise statements of relevance for the followings articles: UV-Fixable Diazo Type Thermal Recording Material, Mechanism of Color Development for UV-Fixable Thermal Recording Material, Diazo Type Thermal Recording Paper Fixable with UV Light, Microcapsules (1970) and Microcapsules(1977).**

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

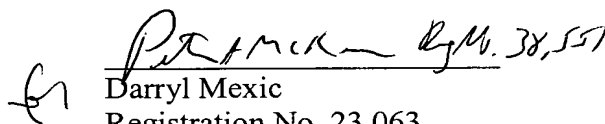
Respectfully submitted,

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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

  
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Date: February 24, 2004

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| Substitute for Form 1449 A & B/PTO<br><br><b><u>INFORMATION DISCLOSURE</u></b><br><b><u>STATEMENT BY APPLICANT</u></b><br><br><i>(use as many sheets as necessary)</i> |                  |    |   | <i>Complete if Known</i> |                   |
|  |                  |    |   | Application Number       | Not yet assigned  |
|  |                  |    |   | Confirmation Number      | Not yet assigned  |
|  |                  |    |   | Filing Date              | February 24, 2004 |
|  |                  |    |   | First Named Inventor     | Koreshige ITO     |
|  |                  |    |   | Art Unit                 | Not yet assigned  |
| Examiner Name  | Not yet assigned |    |   |                          |                   |
| Attorney Docket Number   | Q80024           |    |   |                          |                   |
| Sheet  | 1                | of | 1 |                          |                   |

| U.S. PATENT DOCUMENTS |                       |                 |                                      |                                |   |
|-----------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|                       |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                       |                       | US              |                                      |                                |   |
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| FOREIGN PATENT DOCUMENTS |                       |                           |                     |                                      |                                |   |                          |
|--------------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |   |                          |
|                          |                       | JP                        | 7-88356             | A                                    | 04/04/1995                     | Fuji Photo Film Co. Ltd                         | Abstract                 |
|                          |                       |                           |                     |                                      |                                |   |                          |
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| NON PATENT LITERATURE DOCUMENTS |                       |  |                          |
|---------------------------------|-----------------------|--|--------------------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
|                                 |                       | UV-Fixable Diazo Type Thermal Recording Material, Toshimasa USAMI et al., Vol. 26, No. 2, pp. 115-119 (1987)   | Abstract                 |
|                                 |                       | Mechanism of Color Development for UV-Fixable Thermal Recording Material, Shoehei YOSHIDA et al., Vol. 26, No. 2, pp 120-125   | Abstract                 |
|                                 |                       | Diazo Type Thermal Recording Paper Fixable wit UV Light, Hirotsugu SATO et al., Vol. 11, No. 4 pp. 290-296   | Abstract                 |
|                                 |                       | "Microcapsules", Tomoji Kondoh, 1970 (Nikkan Kogyo Shimbun, Ltd.)  | Abstract                 |
|                                 |                       | "Microcapsules", Tomoji Kondoh, 1977 (Sankyo Shuppan Co.)  | Abstract                 |
|                                 |                       |  |                          |

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|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.